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I.S. EN ISO 18541-6:2018

# Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 6: L-Category vehicle specific RMI use cases and requirements (ISO 18541-6:2018)

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| *This document is based on:* | *Published:* |
|---|---|
| EN ISO 18541-6:2018 | 2018-02-21 |

| | |
|---|---|
| *This document was published* under the authority of the NSAI and comes into effect on:<br><br>2018-03-11 | ICS number:<br><br>43.040.15<br>43.180<br><br>NOTE: If blank see CEN/CENELEC cover page |


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# EN ISO 18541-6

February 2018

ICS 43.040.15; 43.180

English Version

# Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 6: L-Category vehicle specific RMI use cases and requirements (ISO 18541-6:2018)

Véhicules routiers - Normalisation de l'accès aux informations relatives à la réparation et à la maintenance pour l'automobile (RMI) - Partie 6: Exigences et cas d'usage RMI spécifiques aux véhicules de catégorie L (ISO 18541-6:2018)

Straßenfahrzeuge - Standardisierter Zugang zur Reparatur und Wartungsinformationen (RMI) - Teil 6: Spezifische RMI Anwendungsfälle und Anforderungen für L-Kategorie Fahrzeuge (ISO 18541-6:2018)

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# ISO 18541-6

First edition
2018-02

# Road vehicles — Standardized access to automotive repair and maintenance information (RMI) —

## Part 6: L-Category vehicle specific RMI use cases and requirements

*Véhicules routiers — Normalisation de l'accès aux informations relatives à la réparation et à la maintenance pour l'automobile (RMI) —*

*Partie 6: Exigences et cas d'usage RMI spécifiques aux véhicules de catégorie L*

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# Introduction

This document includes the requirements to be fulfilled by Repair and Maintenance Information (RMI) systems as applied by Reference [6].

This mandate relates to the EC type-approval system for vehicles falling into the scopes of Reference [9], Reference [7] and Reference [8] and, in particular, to requirements for access to vehicle repair and maintenance information by independent operators.

The purpose of Reference [6] is to develop a standard or set of standards which specify the requirements to provide "standardized access to repair and maintenance information (RMI)" for independent operators.

This document covers the access to repair and maintenance information for L-category vehicles (two-wheel or three-wheel vehicles and quadricycles) based on Reference [11] and related delegated and implementing acts.

The information included in this document derives from the legislative requirements on European level in the field of repair and maintenance information and related security requirements and can be referenced by legislation in other countries.

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# Road vehicles — Standardized access to automotive repair and maintenance information (RMI) —

## Part 6: L-Category vehicle specific RMI use cases and requirements

## 1 Scope

This document contains all elements (definitions, use cases, technical requirements, functional user interfaces requirements and conformance test cases) applicable for the standardized access to repair and maintenance information for two-wheeled and three-wheeled vehicles and quadricycles (L-category vehicles)

The development of this document has been based on ISO 18541-1, ISO 18541-2, ISO 18541-3 and ISO 18541-4. This document constitutes an adaptation of standardized access to RMI prescriptions for passenger cars to L-category vehicles keeping the objectives and principles of the mandate M/421 from the European commission.

This document references the usage of a Digital Annex of standardized search terms for RMI. The provision of such a Digital Annex will follow the process described in ISO 18542.

CEN will nominate a Registration Authority according to ISO 18542 for the creation and maintenance of an appropriate Digital Annex.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 18541-1:2014, *Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 1: General information and use case definition*

ISO 18541-2:2014, *Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 2: Technical requirements*

ISO 18541-3:2014, *Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 3: Functional user interface requirements*

ISO 18541-4:2015, *Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 4: Conformance test*

ISO 22900-2, *Road vehicles — Modular vehicle communication interface (MVCI) — Part 2: Diagnostic protocol data unit application programming interface (D-PDU API)*

SAE J2534-1[1)], *Recommended Practice for Pass-Thru Vehicle Programming*

SAE J2534-2[1)], *Optional Pass-Thru Features*

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